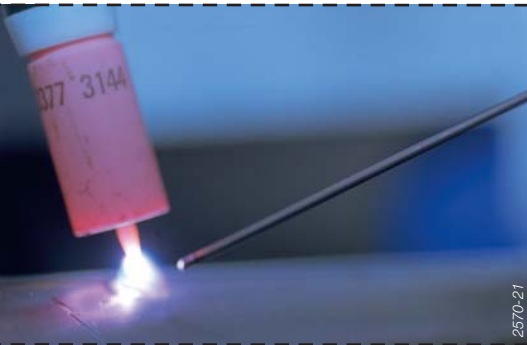


PRESTOTIG FORCE

Portable TIG DC welding installations



PRESTOTIG FORCE

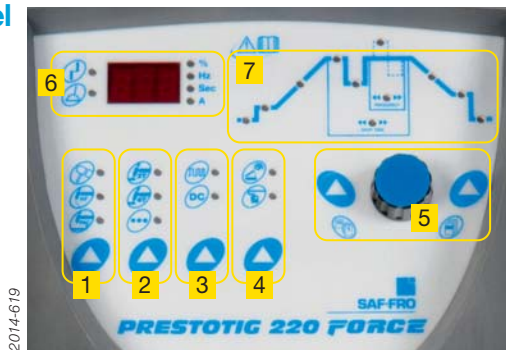


Modular technology to improve reliability.

Built-in Power Factor Control device in conformance with national standards and to improve efficiency and reduce electrical consumption. Factory fitted with a domestic 16 A plug. Improved compatibility with generators (+/- 20% input voltage variations). Works with extra long primary cables (70 m with 2.5 mm² section). Possibility to use with autonomous cooling system FREEZTIG.

PRESTOTIG FORCE front panel

- A complete welding cycle is straightforward to set: initial, final current, up-slope, downslope, spot time, pre-gas, post-gas, reduced current (4T), pulsed frequency regulation
- High performance for MMA: up to 180 A at 40% at 40 °C
- Program storage capability (30)



- 1 Welding mode (MMA, TIG with PAC striking, TIG with HF striking)
- 2 TIG welding: 2 Times, 4 Times, Spot
- 3 Pulsed - DC selection mode
- 4 Remote control - Foot pedal control selection
- 5 Programs storage and recall
- 6 Digital display
- 7 Complete welding cycle

FREEZTIG autonomous cooling unit

To increase productivity of your PRESTOTIG FORCE equipment, add the brand new single phase autonomous cooling unit FREEZTIG.

You will be able to weld with a water cooled torch (100% duty cycle).



One Year Warranty extension

PRESTOTIG FORCE welding sets get a 2 years warranty period as all the professional equipment in the SAF-FRO Range.

From now with your PRESTOTIG FORCE registration you will get for **free** an additional one year warranty period, and your PRESTOTIG FORCE equipment will be covered by a 3 years warranty.

NEW



Welding consumables

As a selection of the wide SAF-FRO welding consumables range you can see here under TIG rods for the most common applications.

Many other types of steel or alloys are available. Do not hesitate to consult us.

Applications	Classification	Designation	Diameter	Cat. number
Carbon steels	ER 70S-6 (AWS A 5-18) W42 4 W3Si1 (EN ISO 636-A)	ALTIG SG 2	1.2 mm	W000283327
			1.6 mm	W000283328
			2.0 mm	W000283329
			2.4 mm	W000283330
			3.2 mm	W000283331
Stainless steels	ER 308L (AWS A 5-9) W19 9 L (EN ISO 14343-A)	ALTIG 308L	1.2 mm	W000283419
			1.6 mm	W000283420
			2.0 mm	W000283421
			2.4 mm	W000283422
			3.2 mm	W000283423
	ER 316L (AWS A 5-9) W19 12 3 L (EN ISO 14343-A)	ALTIG 316L	1.2 mm	W000283455
			1.6 mm	W000283456
			2.0 mm	W000283457
			2.4 mm	W000283458
Light alloys	ER 5356 (AWS A 5-10) S Al 5356 (EN 18273)	ALTIG AlMg5	3.2 mm	W000283459
			1.6 mm	W000283587
			2.0 mm	W000283588
			2.4 mm	W000283589
			3.2 mm	W000283590
			4.0 mm	W000283591

Comply with the EN 61000-3-2/12 standard effective since december 2010, that limits the harmonic currents produced by equipment connected to public low-voltage systems

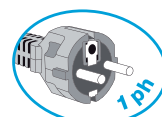
PRESTOTIG FORCE Power
are **PFC** Factor
Control



2 YEARS WARRANTY
WITH YOUR
REGISTRATION
+1 YEAR



MOTOR GENERATOR
COMPATIBLE



SINGLE-PHASE

Technical characteristics

	PRESTOTIG 180 FORCE		PRESTOTIG 220 FORCE	
	MMA	TIG	MMA	TIG
Single-phase input voltage	230 V +/- 20% 50/60 Hz		230 V +/- 20% 50/60 Hz	
Effective input current	15 A	11 A	16 A	12 A
Open circuit voltage	50 V		50 V	
Welding current range	5 - 160 A		5 - 180 A	5 - 220 A
Duty cycle at 40 °C	30%	-	-	-
	35%	160 A	-	220 A
	40%	-	180 A	-
	60%	140 A	150 A	180 A
	100 %	120 A	130 A	150 A
Connector size	13 mm			
Protection index	IP 23 S			
Weight	9.5 kg			
Dimensions	205 x 345 x 460 mm			
European standards	EN 60974.1	✓		✓
	EN 60974.10	✓		✓
	EN 61000-3-2/12	✓		✓
Delivered equipped with	Primary cable, user manual, safety instructions, gas hose, earth cable with clamp (3 m)			

This equipment are designed for industrial and professional use only.

To order		
Power source	PRESTOTIG 180 FORCE W000382577	PRESTOTIG 220 FORCE W000382578
Options and accessories		
A Remote control 10 m	W000242069	
B Foot pedal	W000241602	
C Universal trolley	W000375730	
D On site case	W000371907	
E FREEZTIG cooling unit	W000382728	

Options and accessories

Remote control



Foot pedal



Universal trolley



On site case



FREEZTIG
single phase
autonomous
cooling unit



TIG torches



The new range of PROTIG T NG TIG torches perfectly fit with the high level of quality provided by the PRESTOTIG FORCE professional range.

The adapted models are PROTIG NG 10, 10W, 20 or 30. They come:

- either with trigger as a blade: RL models
- or as a button: EB types.

The EB types are modular as they can be modified with the different type of buttons.

See complete range in the PROTIG NG brochure



RL: Blade

	PROTIG NG 10 RL S	PROTIG NG 20 RL S	PROTIG NG 30 RL S	PROTIG NG 10W RL S
Cooling	Air			Water
Duty Cycle				250 A @100%
To order	5 m	W000278353	W000278356	W000278358
	8 m	W000278355	W000278357	W000278359
Cat. number maintenance box	W000306441	W000306442	W000306443	W000306441



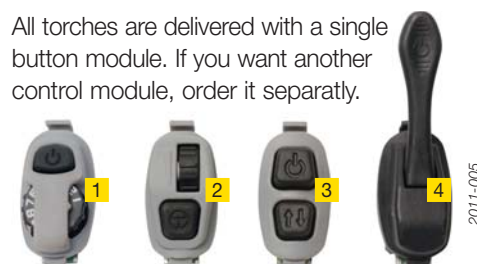
EB: Button

	PROTIG NG 10 EB C5B	PROTIG NG 20 EB C5B	PROTIG NG 30 EB C5B	PROTIG NG 10W EB C5B
Cooling	Air			Water
Duty Cycle				250 A @100%
To order	5 m	W000278394	W000278396	W000278398
	8 m	W000278395	W000278397	W000278399
Cat. number maintenance box	W000306441	W000306442	W000306443	W000306441



Modular system:

All torches are delivered with a single button module. If you want another control module, order it separately.



- 1 Horizontal potmeter - W000279370
- 2 Vertical potmeter - W000279246
- 3 Doubon button - W000279242
- 4 Blade - W000279245

For potmeter adapt the wiring to the welding machine using the:
- 7 pins plug - W000271826
- 10 pins plug - W000148887

In option: Adjustable heads

As an option, adjustable torch bodies are available. Welding in inaccessible locations becomes easier. You have the choice of 2 heads, small and large to be mounted on air cooled body. Choose one body and one head to get a complete torch



Air cooled body - W000279381

Water cooled body - W000279382⁽¹⁾

Head CITORCH T NG 10⁽²⁾ - W000279383

Head CITORCH T NG 20⁽³⁾ - W000279384

(1) : duty cycle : 220 A @100%

(2) : duty cycle : 125 A @ 35%

(3) : duty cycle : 145 A @ 35%

CITOTIG FORCE



2003-202

PRESTOTIG FORCE offers leading technology in TIG DC welding with a user friendly interface.



2014-622



2014-617

PRESTOTIG FORCE

- High quality welding results on carbon and stainless steels.
- For high demanding sectors of activity.



2001-316



Boiler making

2010-835

Petrochemicals



Shipbuilding



2001-317



Offshore

2008-760

Piping



2010-810



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Creative Oxygen

Air Liquide is the world leader in gases for industry, health and the environment, and is present in over 80 countries with 50 000 employees. Oxygen, nitrogen, hydrogen and rare gases have been at the core of Air Liquide's activities since its creation in 1902. Using these molecules, Air Liquide continuously reinvents its business, anticipating the needs of current and future markets. The Group innovates to enable progress, to achieve dynamic growth and a consistent performance. Air Liquide combines many products and technologies to develop valuable applications and services not only for its customers but also for society.